Appl. No. 09/700,712

Amendment dated: March 22, 2006

Reply to OA of: July 1, 2005

This listing of claims will replace all prior versions and listings of claims in the

application.

Listing of Claims:

Claims 1-16(cancelled).

17(previously presented). A Δ thyA strain of Vibrio cholerae deprived of its thyA

gene functionality by selected nucleotide sequence deletion and/or insertion in the

chromosome comprising at least one episomal autonomously replicating DNA element

having a functional thyA gene that enables the strain to grow in the absence of thymine

in the growth medium, wherein the al least one episomal autonomously replicating DNA

elements further comprises a structural gene encoding a homologous or heterologous

protein.

18(previously presented). A \triangle thyA strain of Vibrio cholerae wherein the strain

has been deprived of its thyA gene functionality by site-directed mutagenesis in the V.

cholerae chromosome by deletion and/or insertion of nucleotides at the locus of the

thyA gene.

19(previously presented). The Δ thy A strain of Vibrio cholerae according to claim

17, wherein the at least one episomal autonomously replicating DNA element is a

plasmid.

20(currently amended). The Δ thy A strain of Vibrio cholerae according to claim

17, wherein the at least on episomal autonomously replicating DNA have element has

a foreign thyA gene.

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21(previously presented). The Δ thyA strain of Vibrio cholerae according to claim 20, wherein the foreign thyA gene is an E. coli thyA gene.

22(previously presented). The Δ *thy*A strain of *Vibrio cholerae* according to claim 17, wherein the encoded heterologous protein is selected from heat labile enterotoxin B-subunit of *Escherichia coli* (LTB) and *Schistosoma japonicum* glutathione S-transferase 26 kD protein (GST 26 kD).

23(previously presented). The Δ *thy*A strain according to claim 17, wherein the *thy*A gene of the chromosome has the nucleotide sequence of SEQ ID NO: 1, before it has been deprived of its functionality as a *thy*A gene.

24(previously presented). The DthyA strain of Vibrio cholerae according to claim 18, wherein the structural thyA gene of the chromosome has the nucleotide sequence of nucleotides 738-1688 in the SEQ ID NO:1 before it has been deprived of its functionality as a thy A gene and wherein approximately 200 base pairs of said structural thy A gene is deleted followed by an insert of a non-coding region of DNA.

25(previously presented). The $\Delta thyA$ strain of *Vibrio cholerae* according to claim 18, wherein the strain has its structural *thyA* gene removed from the *thyA* gene of the chromosome.

26(previously presnted). The ΔthyA strain of Vibrio cholerae according to claim 17, wherein the strain has its structural thyA gene removed from the thyA gene of the chromosome and wherein the at least one episomal autonomously replicating DNA element has a foreign thyA gene.

27(previously presented). The $\Delta thyA$ strain of *Vibrio cholerae* according to claim 26 wherein the foreign *thyA* gene is an *E. coli thyA* gene.

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28(previously presented). The Δ thyA strain of Vibrio cholerae according to claim 27, wherein the encoded heterologous protein is heat labile enterotoxin B-subunit of Escherichia coli (LTB).

29(previously presented). The Δ thyA strain of Vibrio cholerae according to claim 27, wherein the encoded heterologous protein is Schistosoma japonicum glutathione S-transferase 26 kD protein (GST 26 kD).